



## Using a Common Mode Choke “Noise Nobbler”

Common mode noise is a common problem with co-ax fed antennas. In essence the outer screen of the antenna acts as an antenna itself bringing noise into your radio shack. To stop or reduce this noise a common mode choke is a great addition to any station.

The SOTABEAMS common mode choke has been designed to offer a high attenuation to unwanted noise across the whole HF spectrum. The choke is fitted with BNC sockets and is rated at 125 Watts.

The choke can be fitted at various points in your feeder system. Unfortunately there is no “one size fits all” solution so you may need to experiment with the choke in various places. Not all noise is brought into your shack on the co-ax so if the noise is being picked up by your antenna itself, other solutions may be required.

Common mode chokes are also helpful in cases of RF feedback - stopping RF from your antenna coming back into the shack on the outer of the co-ax cable. This is valuable if you use SSB or data modes where RF feedback can cause numerous problems!

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